

## TECHNICAL CHARACTERISTICS

### Measurements

**Thickness:** 12, 15 and 18 mm

**Width:** 1220 and 1250 mm

**Length:** 2440 and 2500 mm

### Certifications

CE Mark

PS1-95

PNQM

### Technical Characteristics

Boards 18 mm thick, 13 sheet layers with phenolic film of 125 g/m<sup>2</sup>, sealed and painted on the sides.

**Humidity ( % ):** 10,9 ( +/- 0,3 )

**Density ( kg/m<sup>3</sup> ):** 569 ( +/- 29 )

**MOE - Modulus of Elasticity in bending strength ( N/mm<sup>2</sup> ) ( MPa ):**

Longitudinal 5960 ( +/- 490 ) / Transversal 5580 ( +/- 370 ).

**MOR – Modulus of Rupture in bending strength ( N/mm<sup>2</sup> ) ( MPa ):**

Longitudinal 52,3 ( +/- 5,6 ) / Transversal 39,2 ( +/-6,1 ).

**Gluing shear strength with immersion in water for 24 hours:**

1,45 % (+- 0,36).

**Gluing shear strength with immersion in boiling water:**

1,48 % (+- 0,50).

**Swelling:** 3,4%

**Water absorption:** 51,6%

**Formaldehyde released, norm EN 13986/04:**

Class E1 (lower or equal to 3.5 mg/m<sup>2</sup> h).

**Resistance to Taber Abrasion:**

0.28 mm thickness reduction with 95% of wear on the proof sample.